

PROCESS FOR THE PREPARATION OF PERFLUOROPOLYETHERS  
HAVING ALDEHYDE, ALCOHOL, AMINE END GROUPS  
BY CATALYTIC REDUCTION

ABSTRACT

Process for the perfluoropolyether preparation having reactive end groups -CH<sub>2</sub>NH<sub>2</sub>, -CHO, -CH<sub>2</sub>OH, by reduction of the corresponding perfluoropolyethers having -CN, -COCl, -CHO end groups by using gaseous hydrogen in the presence of a catalyst constituted by Pd, Rh, or Ru, supported on solid metal fluorides, at a temperature from 20°C to 150°C and under a pressure between 1 and 50 atm.